

WHAT IS CLAIMED IS:

1. An image reading apparatus for reading an image of a document, comprising:

an image reading unit for reading the image of the document;

an illuminating unit for illuminating the document;

an image forming unit for forming the image of the document onto the image reading apparatus, wherein the image forming unit is constructed with a plurality of image forming mirrors formed with an off-axis reflecting surface with which a reference-axis ray has a different incident direction and reflected direction, the off-axis reflecting surface having a curvature;

a housing for supporting the image reading unit, the illumination unit, and the image forming unit; and

a scanning unit that moves the housing to perform scanning of the image of the document,

wherein each of the image forming mirrors is disposed on a reflecting surface side thereof with urging parts being urged against the housing to determine the position of the reflecting surface.

2. An image reading apparatus according to claim 1, wherein the urging parts provided on the image forming

mirrors have a flat part.

3. An image reading apparatus according to claim 1, wherein the off-axis reflecting surface and the urging parts of each image forming mirror are formed integrally.

4. An image reading apparatus according to claim 1, wherein the image forming mirrors comprise longitudinal position determining parts and lateral position determining parts for respectively and independently determining a longitudinal direction position and a lateral direction position.

5. An image reading apparatus according to claim 4, wherein either the longitudinal position determining parts or the lateral direction position determining parts provided on the image forming mirrors are formed on flat parts.

6. An image reading apparatus according to claim 4, wherein the longitudinal position determining parts and the lateral position determining parts provided on each image forming mirror determine the position of a reference axis of the off-axis reflecting surface of the image forming mirror.

7. An image reading apparatus according to claim 4,

wherein the off-axis reflecting surface, and the longitudinal position determining parts and the lateral position determining parts are formed integrally for each of the image forming mirrors.

8. An image reading apparatus according to claim 4, wherein the housing comprises respective engaging parts with which the longitudinal position determining parts and the lateral position determining parts of the image forming mirrors engage, and when the engaging parts, and the longitudinal position determining parts and the lateral position determining parts engage with each other, each portion of the engaging parts can slide in a direction orthogonal to a position determining direction, thereby allowing thermal expansion of the image forming mirrors.